

APPARATUS FOR MANUFACTURING A DRY SHEET FROM A SLURRYABSTRACT

A slurry raw material is applied onto a carrier film 3 in a coating section 4, and a predetermined property related to the thickness of the slurry raw material is measured in a property-measuring section 5 in a wet mode before the slurry raw material is dried in a drying section 6. A processing sub-section 7a calculates an estimated value t of the thickness of a sheet from the target thickness of the sheet, a measurement of the slurry raw material property, and the slurry raw material density, to compare the estimated value t with the target value T of the sheet thickness. An adjusting output sub-section 7b transmits signals for adjusting the thickness to a thickness-adjusting device 9 on the basis of the above comparison result, to efficiently and precisely control the thickness of the slurry raw material applied onto the carrier film 3.